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Name	Urbain A. von der Embse	
Unit	2667	
Examiner	Rhonda L. Murphy	

DETAILED ACTION RESPONSE

Attached are the original copy witb the crossed out deleted text and the new text underlined, and a clean copy.

Attached are the transmittal form PTO/SB/21, request for extension of time PTO/SB/22 and my payment check, and the change of address PTO/SB/122.

In the section "II. Description of Related Art" I have added information that describes CDMA encoding and decoding for cellular networks, a history of complex Walsh codes developed in the early 70's, Golay-Hadamard code sequences and applications, your references to Yang and Li, and work on combining real Walsh codes with PN (pseudo noise) codes which predated the development of CDMA. As is clear in the documentation, only real Walsh channelization codes have been used for CDMA. The complex Walsh codes developed in the early 70's were developments that did not find applications because of complexity and because of no performance improvements compared to the real Walsh. Hybrid Walsh codes of this invention are in 1-to-1 correspondence with the DFT (discrete Fourier transform) codes, are simple to generate and use, and have been demonstrated to improve communications performance compared to the real Walsh.